

Climatological Data for October, 1909.
DISTRICT No. 1, NORTH ATLANTIC STATES.

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GENERAL CLIMATOLOGICAL CONDITIONS.

The month of October takes rank among the coolest and driest Octobers since the establishment of the Climatological Service. The deficiency of temperature was remarkably uniform, except over a small part of New England, while the precipitation was only about half the usual amount, except over a limited area about the headwaters of the Potomac River. The rivers and streams remained at a very low stage throughout the month and in the agricultural districts the problem of obtaining water for stock and for domestic purposes presented serious difficulties.

TEMPERATURE.

The month was unseasonably cool throughout the entire district, except in Maine and along the Massachusetts coast, where the mean temperature averaged slightly above the normal. The excess was greatest in the interior of Maine and ranged from 1° to 3° . For the remainder of the district the mean was generally below the normal for the greater part of the month, the deficiency being most pronounced during most of the second decade and near the close of the month. As a rule the greatest departures from the normal occurred at interior points, especially over the more elevated parts of Pennsylvania, Maryland, and West Virginia and ranged from 2° to 5° . While the current month ranks among the cool Octobers, the deficiency was generally not so great nor so uniform as that of October, 1895.

The most pronounced warm period occurred near the close of the first decade, when the presence of an area of low barometric pressure over the Great Lakes caused the prevalence of southerly winds with gradually increasing temperature over the southern part of the district on the 6th and 7th. This condition extended northward, culminating in decidedly warm weather for the season over the entire district on the 8th, 9th, and 10th, when maximum temperatures of 80° or above were general and 85° or above not uncommon.

A warm period of secondary importance occurred on the 22d and 23d, being the more noticeable because preceded and followed by decidedly cool weather. During this period, however, the mean temperature did not rise much above the normal and maximum temperatures of 65° were not frequent.

There were two marked cool periods during the month, the first following immediately after the warm weather at the close of the first decade and extending over most of the second decade, while the second included the last three days of the month. There was a sharp fall of temperature occurring generally on the 12th and by the morning of the 13th freezing weather was reported from nearly all points except along the coast. The temperature continued low for the season until after the close of the second decade. The first wide-spread frost in New Jersey occurred about the middle of the second decade. The area of high pressure that overspread the district near the close of the month resulted in the coldest weather of the month, minimum temperatures of from 6° to 12° below the freezing point being common in the interior of New England and over the more elevated parts of Pennsylvania and New York.

PRECIPITATION.

The distribution of rainfall was fairly uniform, the total amounts for the month being least over the greater part of New England and the Hudson Valley and greatest over the upper reaches of the Potomac watershed. The deficiency of precipitation which has characterized the conditions during the past three months continued throughout the current month. Out of somewhat more than 350 reporting stations in the district, precipitation in excess of the normal occurred at only 14 stations, 5 of which are located in the eastern part of West Virginia, where heavy rains occurred on the 10th and 11th. For the New England States the average for the month, 1.60 inches, was less than for any previous October since 1887, except 1892, when it averaged 1.50 inches and in 1897 when the average was 1.10 inches. Practically similar conditions obtained over the greater part of New York, while in New Jersey the rainfall for the current month was less than for any previous October in the past 25 years, except October, 1892. The deficiency was not so marked over the Susquehanna watershed in New York and Pennsylvania as in the sections above noted, but over the Delaware and lower Potomac basins the rainfall was exceptionally light. The only considerable part of the district where the rainfall was in excess of the normal was a limited area in West Virginia and Maryland, embracing the headwaters of the Potomac River.

Fair weather prevailed generally during the first decade, but on the night of the 10th general rains set in over the southern part of the district, spreading gradually northward during the 11th and 12th. The precipitation was quite heavy from this storm over the eastern part of West Virginia and moderately heavy over eastern Pennsylvania and New Jersey, but decidedly light, though general, over the remainder of the district. From the 13th to the 22d light and scattered showers occurred. On the 23d there was a general though light rain followed by showery weather that continued until near the close of the month.

Light snow occurred on several dates in the mountainous districts of Pennsylvania, New York, and New England, the heaviest fall being 5.5 inches at Bethlehem, Vt.

RIVER CONDITIONS.

The rivers and streams remained at a very low stage throughout the month, the Delaware at Port Jervis, Phillipsburg, and Trenton being slightly lower than during the month of October, 1908. The Susquehanna at Wilkes-Barre ranged from 2.2 to 2.6 feet above the zero of the gage, but at Harrisburg the readings were less than 1 foot above zero mark throughout the month. Equally low stages were reported from Williamsport on the west branch of the Susquehanna.

MISCELLANEOUS.

The water supply for many interior cities and towns, although used with the utmost economy, was hardly sufficient for domestic use and entirely insufficient for protection against fire.

The weather during the first decade was fair and pleasant with full sunshine, but from the 11th to the 24th partly cloudy to cloudy weather prevailed.

TABLE 1.—*Climatological data for October, 1909. District No. 1, North Atlantic States.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.						
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total annual fall unmeasured.	Number rainy days, .01 inch or more.	Number of partly cloudy days.	Number of clear days.	Number of cloudy days.		
Maine.																				
Bar Harbor.	Hancock.	20	23	50.6	+ 2.6	82	9	26	21	32	1.81	- 2.56	0.50	0.0	7	11	10	10	sw.	
Cornish.	York.	778	54	47.6	+ 0.1	84	9	22	20	36	1.17	- 3.09	0.38	0.0	8	8	14	9	nw.	
Eastport.	Washington.	53	37	49.0	+ 2.4	78	9	28	31	24	2.54	- 1.31	0.78	0.2	9	7	10	14	w.	
Fairfield.	Somerset.	90	24																	
Farmington.	Franklin.	450	12	47.4	- 0.2	84	9	21	31	41	1.54	- 1.90	0.42	0.0	6	8	7	16	n.	
Gardiner.	Kennebec.	163	17	49.2	0.0	85	9	21	31	40	1.88	- 1.70	0.45	0.0	12	14	4	13	nw.	
Greenville.	Piscataquis.	1,000	5	44.2		77	9	18	31	39	1.73		0.42	T.	11					
Houlton.	Aroostook.	362	7	47.7		80	11	25	31	35	1.25		0.50	0.0	3	17	3	12	nw.	
Lewiston.	Androscoggin.	185	35	47.6	+ 0.4	88	9	24	31	43	1.84	- 1.94	0.44	0.0	10	12	4	15	nw.	
Madison.	Somerset.	257	6	45.8		83	10	20	31	39	1.66		0.37	0.0	10	12	9	19	nw.	
Millinocket.	Penobscot.	388	6	49.4		86	10	23	31	41	1.80		0.33	T.	12	9	3	19	nw.	
North Bridgton.	Cumberland.	450	16	49.2	+ 0.1	86	9	26	21	38	1.34	- 2.08	0.53	0.0	7	8	16	7	nw.	
Orono.	Penobscot.	129	40	49.3	+ 3.1	83	9	19	31	40	2.43	- 1.91	0.58	T.	9	12	8	11	nw.	
Patten.	Penobscot.	550	7	47.0		82	11	20	15	42	2.33		0.92	0.2	9	8	11	7	w.	
Portland.	Cumberland.	99	38	49.6	+ 0.5	81	9	29	31	28	1.50	- 2.18	0.43	0.0	10	11	10	10	w.	
Rumford Falls.	Oxford.	505	16	47.4	+ 0.7	77	9	26	31	30	1.03	- 2.14	0.26	0.0	9	18	9	4	nw.	
Van Buren.	Aroostook.	510	7																	
Winslow.	Kennebec.	90	14	47.6		86	9	16	30	46	1.88		0.64	0.0	9	13	9	9	w.	
New Hampshire.																				
Alstead Center.	Cheshire.	1,120	5	45.5		76	10	25	30	28	1.26		0.48	0.0	10	12	12	7	nw.	
Brenton.				45.4		75	9	27	30	34	0.84		0.39	1.1	9	16	6	11		
Bethlehem.	Grafton.	1,470	17	43.6	- 2.6	78	10	20	30	36	1.84	- 1.50	0.35	5.5	16	10	4	17	sw.	
Concord.	Merrimac.	350	49	47.5	- 1.2	83	9	23	21	41	0.82	- 2.42	0.25	0.0	8	9	7	15	w.	
Durham.	Stafford.	88	14	50.2	+ 1.1	84	9	23	20	41	1.89	- 1.45	0.34	0.4	18	3	10	nw.		
Franklin.	Merrimac.	440	10	47.9		89	10	23	21	47	0.88		0.29	0.0	6	13	12	6	nw.	
Grafton.	Grafton.	863	23	45.2	- 1.5	84	10	17	21	49	1.00	- 1.91	0.47	T.	7	10	11	9	nw.	
Hanover.	Grafton.	603	75	45.9	- 0.5	87	10	21	49	1.15	- 2.19	0.39	0.1	13	7	13	11	11	nw.	
Keene.	Cheshire.	506	24	46.6	- 1.0	85	10	19	30	49	1.15	- 2.14	0.40	T.	10	9	10	12	nw.	
Nashua.	Hillsboro.	125	24	48.8	- 0.1	82	9	20	23	39	1.32	- 2.17	0.50	0.0	7	13	12	6	nw.	
Newton.	Rockingham.	21	47.8	- 0.6	81	9	18	20	38	1.02	- 2.74	0.52	0.0	6	9	20	2	nw.		
Plymouth.	Grafton.	500	21	46.1	+ 1.4	80	9	19	21	43	1.62	- 1.88	0.77	T.	7	11	4	16	w.	
West Ossipee.	Carroll.	1																		
Vermont.																				
Bloomfield.	Essex.	2	43.8			83	10	13	31	42	1.68		0.38	2.0	15	11	9	11	s.	
Cavendish.	Windham.	910	6	46.1		87	10	20	21	45	1.31		0.61	T.	6	9	7	14		
Chelsea.	Orange.	1,640	14	42.2	- 3.0	72	9	21	17	26	0.41	- 2.06	0.22	1.0	4	10	1	19	n.	
Jacksonville.	Windham.	1,000	24	41.4	- 3.2	65	9	20	17	32	1.85	+ 0.80	1.65	T.	6	19	12	0	nw.	
Manchester.	Bennington.	880	10	44.5		76	10	25	20	33	2.35		0.65	1.5	11	9	16	6	sw.	
St. Johnsbury.	Caledonia.	711	16	46.4	0.0	92	10	20	31	52	1.06	- 1.37	0.45	0.0	11	10	6	15	nw.	
Woodstock.	Windsor.	707	17	45.0	- 0.8	80	9	20	21	48	1.20	- 1.81	0.65	0.0	4	8	0	23		
Massachusetts.																				
Amherst.	Hampshire.	222	20	48.7	- 0.3	85	10	24	21	42	1.23	- 2.53	0.61	T.	9	14	8	9	nw.	
Blue Hill.	Norfolk.	640	25	50.0	+ 0.5	81	9	26	30	36	1.46	- 2.92	0.67	0.0	8	13	11	7	w.	
Boston.	Suffolk.	125	39	52.3	+ 0.5	77	9	33	30	34	1.07	- 2.79	0.44	T.	7	12	12	7	w.	
Chestnut Hill.	Suffolk.	129	29	52.6	+ 1.9	83	9	25	20	40	1.58	- 2.62	0.53	0.0	8	23	1	7		
Clinton.	Worcester.	370	13	48.4		70	10	24	19	35	1.52		0.50	T.	7	16	5	10		
Fall River.	Middlesex.	139	19	48.2	- 1.2	82	10	21	20	39	1.11	- 2.87	0.42	0.0	6	13	8	8	nw.	
Fitchburg.	Bristol.	200	43	51.6	- 1.6	77	10	30	30	32	1.76	- 2.22	0.63	0.0	9	2	18	11	sw.	
Framingham.	Middlesex.	550	26	50.0	+ 0.9	83	9	27	26	31	1.34	- 2.84	0.44	T.	6	22	7	7		
Hyannis.	Barnstable.	160	29	50.6	+ 0.4	81	9	25	21	36	1.09	- 2.07	0.36	0.0	8	17	12	2	sw.	
Lawrence.	Essex.	31	18	50.8	- 3.5	74	10	31	21	27	3.61	+ 0.25	2.00	0.0	5	17	12	2	sw.	
Lowell.	Middlesex.	51	25	49.5	- 0.2	83	9	23	21	37	1.03	- 2.01	0.56	0.0	7	10	19	2	w.	
Middleboro.	Plymouth.	100	24	51.6	+ 1.7	84	10	27	20	37	1.20	- 2.46	0.53	0.0	5	7	10	15	6	w.
Monson.	Hampden.	53	23	48.4	- 1.4	83	10	18	30	44	1.73	- 2.81	0.65	0.0	7	10	15	6	w.	
Nantucket.	Nantucket.	15	23	53.8	- 0.7	76	10	36	30	40	4.40	+ 1.01	1.43	0.0	11	10	13	8	w.	
New Bedford.	Bristol.	88	97	53.2	+ 1.2	78	10	33	29	21				0.0	0	21	3	7	sw.	
Norfolk.	Norfolk.	244	6	49.4		84	9	19	30	46	1.60		0.55	0.0	5	18	6	7	w.	
Northampton.	Hampshire.	205	1	48.0		80	9	26	30	39	1.78		0.64	0.0	7	17	10	4	nw.	
Plymouth.	Plymouth.	24	22	53.4	+ 0.8	78	10	34	30	24	2.86	- 0.92	1.60	0.0	4	26	0	5	sw.	
Provincetown.	Barnstable.	40	22	53.4	+ 0.8	78	10	34	30	24	2.86	- 0.92	1.60	0.0	4	26	0	5	sw.	
Rockport.	Essex.	25	7	51.2		75	9	26	30	28	2.22		0.75	0.0	5	14	12	5	nw.	
Rutland.	Essex.	1,160	7	47.6		84	10	24	29	35	1.73		0.75	T.	10	20	6	5	nw.	
South Egremont.	Berkshire.	764	7	44.0		72	9	18	21	32	1.29		0.46	0.0	9	9	10	11	nw.	
Turners Falls.	Franklin.	200	18	48.1	- 1.8	76	9	27	21	34	1.28	- 1.48	0.51	0.0	6	10	12	9	w.	
Westboro.	Franklin.	298	35	51.3	+ 0.6	84	10	21	20	39	1.50	- 2.49	0.51	0.0	5	10	12	9	w.	
Williams town.	Berkshire.	711	28	48.5	- 1.6	78	10	26	20	33	1.33	- 1.91	0.26	T.	10	10	12	9	w.	
Worcester.	Worcester.	518	17	50.7	+ 0.1	83	10	29	30	30	1.08	- 2.31	0.64	T.	7	10	10	11	nw.	
Rhode Island.																				
Newport.	Newport.	26	29	53.7	- 1.6	75	10	34	29	48	1.74	- 2.37	0.54	0.0	11	15	3	13	sw.	
Bristol.	Bristol.	53	23	53.2	- 0.1	71	10	34	20	40	1.54	- 2.20	0.50	0.0	8	23	5	3	sw.	
Kingston.	Washington.	250	20	50.0	- 0.8	82	10	27	30	30	2.28	- 2.41	1.01	0.0	8	15	14	2	w.	
Narragansett Pier.	Newport.	22	27	49.6	- 2.6	81	10	18	30	38	2.03	- 2.51	0.80	0.0	7	20	6	5	w.	

MONTHLY WEATHER REVIEW.

OCTOBER, 1909

TABLE 1.—Climatological data for October, 1909. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Observers.							
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days.	Sky.			
New York—Cont'd.																			
Bedford.	Westchester.	450	11	51.8	-0.2	84	9	25	20	39	1.15	-2.79	0.40	0.0	6	19	7	5	
Binghamton.	Broome.	875	18	46.5	-2.7	80	9	25	30	37	1.53	-1.59	0.86	0.0	13	9	5	17	
Bouckville.	Madison.	1,350	12	44.4	-4.6	76	10	20	30	33	2.10	-1.91	0.57	T.	17	7	7	17	
Boys Corners.	Putnam.	580	27	44.9	.....	.....	.....	.....	.....	.....	1.23	3.11	0.0	0.0	8	21	1	9
Carmel.	Putnam.	500	17	47.6	-3.5	72	9	23	14	29	1.08	-3.01	0.36	0.0	10	11	10	10	
Chatham.	Columbia.	470	8	48.0	.....	78	9	24	20	31	0.87	0.35	0.0	0.0	12	10	10	10
Cooperstown.	Otsego.	1,250	55	43.9	-2.8	73	10	23	30	32	2.56	-0.78	0.90	0.0	12	7	14	nw.	
Corinth.	Saratoga.	542	7	47	.....	.....	.....	.....	.....	.....	1.05	0.40	0.0	0.0	3	.....	.....	.....
Cortland.	Cortland.	1,129	47	46.0	-0.9	79	16	23	30	36	2.96	-0.93	1.45	T.	16	9	10	12	
Cutchogue.	Suffolk.	33	32	53.4	-1.8	80	10	30	20	33	1.74	-1.68	0.45	0.0	6	17	13	1	
De Ruyter.	Madison.	1,300	6	45.6	.....	84	9	23	30	44	2.51	0.67	0.67	T.	15	13	4	14
Easton.	Washington.	19	.....	.....	.....	.....	.....	.....	.....	.....	1.00	2.64	0.54	0.0	4	.....	.....	nw.
Elmira.	Chemung.	803	27	48.6	-2.4	84	9	25	30	42	1.81	-1.25	1.02	0.0	6	9	10	12	
Fort Hunter.	Montgomery.	280	.....	.....	.....	.....	.....	.....	.....	.....	1.60	0.60	0.0	T.	5	8	6	17
Fort Plain.	Montgomery.	318	5	48.2	.....	77	10	28	30	29	1.73	0.31	0.0	0.0	12	14	6	11
Glens Falls.	Warren.	340	15	48.0	-1.1	83	10	23	20	38	0.92	-2.15	0.35	T.	9	11	5	15	
Gloversville.	Fulton.	850	17	44.4	-3.3	80	9†	22	21†	37	1.28	-1.87	0.30	T.	11	13	10	8	
Greenfield Center.	Saratoga.	314	11	45.9	-4.1	79	9†	22	30	36	0.96	-2.42	0.22	0.0	8	10	11	10	
Greenwich.	Washington.	425	12	48.0	-2.2	85	9	19	30	42	0.56	-2.42	0.20	0.0	11	11	14	6	
Griffin Corners.	Delaware.	2,260	9	44.2	.....	80	9	19	21	40	0.97	0.34	0.0	T.	7	12	7	12
Hancock.	Steuben.	9	.....	.....	.....	.....	.....	.....	.....	.....	2.33	-0.51	0.65	T.	10	.....	.....	.....
Haskinville.	Rensselaer.	410	11	43.2	-2.0	85	9	17	21	47	1.80	-1.86	0.50	0.0	0	9	12	7	
Indian Lake.	Hamilton.	1,705	10	43.2	.....	82	9	19	20	46	1.26	0.50	0.0	0	7	15	4	12
Jeffersonville.	Sullivan.	1,240	6	46.2	.....	80	15	24	21	48	1.20	0.40	0.0	5	7	15	10	8
Lake Pleasant.	Hamilton.	47.0	.....	.....	.....	.....	.....	.....	.....	.....	2.23	0.41	0.0	6	16	7	8	nw.
Liberty.	Sullivan.	2,300	23	42.6 ^a	-4.4	74 ^a	10	23 ^a	29	33 ^a	1.39	-2.23	0.41	T.	6	16	7	8	
Little Falls.	Herkimer.	924	11	46.1	-3.3	80	9†	22	30	31	2.20	-1.26	0.48	1.5	10	12	1	8	
Mohonk Lake.	Ulster.	1,245	13	48.4	-0.0	70	10	27	29†	28	1.22	-2.55	0.65	T.	4	17	6	8	
Morehouseville.	Hamilton.	1,697	1	42.4	.....	82	9	18	30	41	3.40	0.55	0.0	1.0	19	2	10	w.
Mount Hope.	Westchester.	200	12	49.4	-3.5	80	9†	22	20	40	1.50	-3.21	0.45	0.0	6	15	11	5	
Newark Valley.	Tioga.	825	10	.....	.....	.....	.....	.....	.....	.....	2.69	-1.00	0.80	T.	12	12	4	15
New Berlin.	Chenango.	2	.....	.....	.....	.....	.....	.....	.....	.....	2.10	0.92	0.0	0	11	5	4	22
New Lisbon.	Otsego.	1,234	19	43.0	-3.0	80	9†	14	30	43	2.37	-0.97	0.92	T.	12	9	3	19	
New York City.	New York.	314	84	53.2	-2.4	75	8	35	30	24	0.74	-2.97	0.31	0.0	8	15	8	8	
North Creek.	Warren.	1,002	1	45.8	.....	80	9†	21	30	39	5.35	2.98	0.0	0	6	10	10	11
Northville.	Fulton.	742	7	.....	.....	.....	.....	.....	.....	.....	1.12	0.52	0.0	5	10	5	16	nw.
Norwich.	Chenango.	1,015	3	47.8 ^b	.....	76 ^b	8†	20 ^b	30	30 ^b	1.88	1.19	1.0	0	5	10	6	.....
Oneonta.	Otsego.	1,112	15	42.2	-7.6	84	9	23	29	38	1.17	-2.22	0.50	T.	8	11	3	17	
Oxford.	Chenango.	916	44	45.6	-1.4	76	9	20	30	34	2.28	-1.19	0.60	0.0	11	9	9	13	
Port Jervis.	Orange.	470	25	49.4	-1.3	82	9	24	20	30	1.20	-2.49	0.47	0.0	6	12	8	11	
Salisbury.	Herkimer.	1,526	12	44.6	-4.4	81	9	18	30	36	3.04	-0.63	0.52	3.0	14	11	11	w.	
Salisbury Mills.	Orange.	314	10	48.4	.....	80	10	21	20	37	0.88	-4.05	0.40	0.0	4	19	3	9
Scarsdale.	Westchester.	200	5	51.8	.....	80	7†	28	20	40	1.66	0.90	0.0	0	7	21	6	4
Setauket.	Suffolk.	40	24	52.4	-1.9	71	9†	34	14	23	2.10	-2.44	0.70	0.0	8	17	6	8	
Sherburne.	Chenango.	3	.....	.....	.....	.....	.....	.....	.....	.....	1.16	0.64	0.0	3	16	14	1	nw.
Southampton.	Suffolk.	36	8	51.8	.....	75	10	20	30	28	1.68	0.41	0.0	T.	7	16	14	1
Southeast Reservoir.	Putnam.	310	14	49.0	-3.0	80	9†	14	30	43	2.37	0.97	0.92	T.	12	9	3	19	
Splinter Falls.	Saratoga.	400	8	46.2	.....	81	10	21	19	39	0.69	0.31	0.0	0	4	14	9	8
Trenton Falls.	Oneida.	751	6	.....	.....	.....	.....	.....	.....	.....	3.70	0.82	2.5	12	6	3	23	s.
Tubeshill.	Montgomery.	263	.....	.....	.....	.....	.....	.....	.....	.....	2.20	0.50	0.0	0	7	19	3	w.
Utica.	Oneida.	537	4	50.8	.....	77	10	25	14†	36	3.16	-0.31	0.75	0.0	12	.....	.....	.....
Wadding River.	Suffolk.	112	3	50.4	-1.6	74	9	25	20	30	2.45	0.66	0.0	0	8	23	5	3	
Wappingers Falls.	Dutchess.	110	19	50.4	-1.6	74	9	25	30	30	1.21	-2.78	0.26	0.0	6	13	15	3	
Warwick.	Orange.	538	9	.....	.....	.....	.....	.....	.....	.....	0.82	0.32	0.0	4	11	9	9	w.
Waverly.	Tioga.	824	27	46.3	-3.3	82	9†	18	30	47	2.32	-0.76	1.09	0.0	0	15	9	8	
West Berne.	Albany.	936	12	46.8	-2.8	83	9†	18	21	43	0.83	-2.71	0.68	0.0	5	7	7	17	
West Point.	Orange.	167	60	48.0 ^a	-5.4	74	10	20	30 ^a	30	34 ^a	-3.13	0.31	0.0	0	3	17	4	10
Windham.	Greene.	1,520	10	44.7	-3.5	78	10	19	21	39	1.26	-2.28	0.39	T.	6	9	18	4	
Pennsylvania.	Blair.	1,181	21	44.8 ^b	-6.6	80 ^b	9	21 ^b	20	43 ^b	2.71	+0.29	1.27	0.0	6	12	12	12	
Bellefonte.	Center.	826	8	48.9 ^a	.....	84	9	23 ^a	20	48 ^a	2.44	-1.01	1.19	0.5	5	12	7	10
Center Hall.	Center.	1,272	10	46.8	-4.7	80	8†	24	20	42	2.39	-0.62	1.00	T.	5	1	20	10	
Clearfield.	Clearfield.	1,107	1	46.2	.....	85	9	20	25	49	3.26	1.83	T.	9	11	6	14	
Coatesville.	Chester.	380	21	51.2	-2.2	81	9	27	20	48	1.77	-2.12	1.32	0.0	8	5	7	w.	
Drifton.	Luzerne.	1,633	11	42.8	-5.4	72	9	20	30	35	3.98	+0.23	1.56	T.	8	13	9	9	
Dushore.	Sullivan.	1,590	11	.....	.....	.....	.....	.....	.....	.....	1.04	-2.39	0.48	0.0	6	10	17	4
Easton.	Northampton.	325	26	50.3	-2.4	75	9	26	30	35	1.04	-2.39	0.48	0.0	6	10	17	4	
Emporium.	Cameron.	1,050	22	45.2	-4.9	78	9	18	20	42	1.14	-1.01	1.19	0.5	7	9	4	18	
Ephrata.	Lancaster.	384	9	49.7	.....	83	9	25	30	44	2.33	1.16	0.0	0	16	5	10	w.
Everett.	Bedford.	1,080	11	47.6	-4.0	80	8†	22	20	50	2.73	+0.04	1.19	0.0	5	8	19	4	
George School.	Bucks.	2	50.2	.....	79	8†	26	14†	43	0.95	0.33	0.0	0	8	20	4	7	
Gettysburg.	Adams.	600	35	50.0	-0.7	82	8†	26	20	44	2.37	-0.78	1.27	0.0	7	19	4	8	
Gordon.	Schuylkill.	304	5	46.6	.....	81	9	20	20	46	3.75	1.35	T.	8	13	3	15	
Hamburg.	Bucks.	380	13	51.8	-2.1	82	10	25	20	39	4.60	+0.61	2.31	0.0	4	20	2	9	
Hanover.</td																			

TABLE 1.—Climatological data for October, 1909. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.			Precipitation, in inches.			Greatest daily range.	Departure from the normal.	Total.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days, .01 inch or more.	Number of cloudy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Highest.	Lowest.	Date.	Date.	Greatest daily range.													
Pennsylvania—Cont'd.																						
Scranton.....	Lackawanna.....	805	9	48.3	-3.2	82	9	23	30	36	1.86	-1.05	1.08	T.	0	11	6	14	sw.	U. S. Weather Bureau.		
Selinsgrove.....	Snyder.....	455	21	49.0	-3.1	83	9	24	20 ⁺	46	2.05	-1.60	0.63	T.	0	4	13	14	nw.	J. M. Boyer, C. E.		
State College.....	Center.....	1,191	21	46.4	-4.1	77	9	25	20	38	3.08	+0.15	1.43	T.	0	4	17	w.	Prof. Wm. Frear.			
Towanda.....	Bradford.....	754	14	47.4	-3.2	81	10	23	30	42	2.50	-0.81	1.09	T.	0	10	10	14	w.	Hiram E. Bull, C. E.		
Walshboro.....	Tioga.....	1,327	32	45.0	-4.0	82	9	21	20	47	2.21	-1.33	1.12	T.	0	10	14	7	w.	O. L. White.		
West Chester.....	Chester.....	455	55	51.3	-2.8	79	9	29	29 ⁺	36	1.11	-2.77	0.43	0.0	0	18	4	9	w.	J. C. Green, D. D. S.		
Wilkes-Barre.....	Luzerne.....	575	24	48.0	-3.2	82	9	24	30	40	2.57	-0.41	1.67	0.0	0	5	12	14	....	A. W. Betterly.	
Williamsport.....	Lycoming.....	530	19	49.0	-2.7	81	9	22	20	37	2.05	-1.40	1.30	0.0	0	5	15	2	nw.	Henry H. Gause.		
New Jersey.....																						
Ashbury Park.....	Monmouth.....	22	21	52.4	-3.2	71	7	30	29 ⁺	33	1.69	-2.41	0.73	0.0	0	11	18	8	5	w.	B. H. Ober.	
Atlantic City.....	Atlantic.....	16	36	53.2	-4.2	76	7	30	30	26	1.82	-1.48	0.60	0.0	0	10	17	8	6	nw.	U. S. Weather Bureau.	
Bayonne.....	Hudson.....	50	19	53.0	-2.7	78	8	32	30	32	0.78	-3.01	0.32	T.	0	8	17	6	8	nw.	J. H. Eadie.	
Belvidere.....	Warren.....	289	19	49.0	-4.0	81	9	23	20	44	1.12	-2.72	0.55	0.0	0	8	18	2	11	....	S. J. Hixson.
Bergen Point.....	Hudson.....	37	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. W. H. Mitchell.
Boonton.....	Morris.....	413	19	52.8	-4.2	80	8	25	30	49	0.99	-3.06	0.33	0.0	0	10	4	20	1	10	nw.	F. G. McIntosh.
Bridgeton.....	Cumberland.....	30	34	52.8	-4.2	80	8	25	30	49	1.41	-2.42	0.70	0.0	0	9	20	5	6	....	H. A. Jorden.
Burlington.....	Burlington.....	12	25	.....	.....	.....	.....	.....	.....	.....	1.11	-2.78	0.36	0.0	0	9	20	5	6	nw.	D. S. B. McCoy.
Canton.....	Salem.....	24	15	.....	.....	.....	.....	.....	.....	.....	1.23	-2.28	0.49	0.0	0	8	14	12	5	nw.	J. H. Maskell.
Cape May City.....	Cape May.....	17	25	55.6	-2.0	74	7	34	20	24	1.61	-1.69	0.52	0.0	0	9	15	9	7	nw.	U. S. Weather Bureau.	
Cape May C. H.	Cape May.....	19	23	54.6	-2.1	75	9	33	29	33	1.72	-1.74	0.65	0.0	0	8	16	7	7	nw.	L. T. Garretson.	
Charlotteburg.....	Passaic.....	719	17	48.6	-2.2	78	9	18	20	46	1.10	-3.33	0.51	0.0	0	7	16	8	7	nw.	G. S. Briggs.	
Chatham.....	Morris.....	234	7	.....	.....	.....	.....	.....	.....	1.28	-3.33	0.30	0.0	0	10	5	17	7	7	w.	M. A. Butler.
Clayton.....	Gloucester.....	126	18	51.5	-4.8	80	8	26	30	40	1.48	-1.04	0.72	0.0	0	5	17	7	7	w.	W. T. Farley.	
College Farm.....	Middlesex.....	100	14	50.6	-4.2	79	9	26	20	41	1.22	-2.87	0.57	0.0	0	10	16	7	8	nw.	G. B. Thrasher.	
Culver's Lake.....	Sussex.....	843	8	.....	.....	.....	.....	.....	.....	1.21	-3.00	0.50	T.	0	8	15	6	10	w.	B. E. Riker.	
Dover.....	Morris.....	575	25	47.4	-3.3	76	9	20	20	41	1.11	-3.01	0.35	T.	0	7	14	9	8	....	W. C. Harris.
Elizabeth.....	Union.....	33	30	52.2	-2.5	76	9	31	20	33	0.40	-3.53	0.14	0.0	0	8	16	10	5	w.	W. M. Oliver.	
Englewood.....	Bergen.....	135	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. C. Tucker.
Flemington.....	Hunterdon.....	187	21	51.2	-3.9	84	9	25	14 ⁺	47	0.93	-2.00	0.29	0.0	0	9	16	7	8	w.	H. E. Deats.	
Freehold.....	Monmouth.....	187	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. T. Cooper.
Friesburg.....	Salem.....	100	18	51.7	-4.5	81	8	23	20	43	1.27	-2.28	0.55	0.0	0	5	20	6	5	w.	H. C. Perry.	
Haddonfield.....	Camden.....	75	1	51.5	.....	80	8	29	20	43	1.28	-0.37	0.58	0.0	0	9	18	6	7	nw.	C. F. Richardson.
Hammonton.....	Atlantic.....	80	12	.....	.....	.....	.....	.....	.....	.....	1.51	-1.90	0.58	0.0	0	9	18	5	8	nw.	Orville Bassett.
Hightstown.....	Mercer.....	85	18	50.9	-3.6	80	8	26	20	44	1.17	-2.83	0.36	0.0	0	9	18	5	8	nw.	Ernest Wenger.	
Imlaytown.....	Monmouth.....	108	23	51.6	-3.3	82	9	23	20	42	1.27	-2.87	0.62	0.0	0	10	19	4	8	nw.	Dr. F. C. Price.	
Indian Mills.....	Burlington.....	76	9	51.0	-3.9	81	8	21	30	45	1.52	-0.60	0.0	0	0	9	19	6	6	nw.	James Armstrong.	
Jersey City.....	Hudson.....	15	4	53.4	.....	77	10	33	30	30	0.71	-0.31	0.0	0	0	8	15	9	7	nw.	S. K. Pearson, jr.
Lakewood.....	Ocean.....	54	8	.....	.....	.....	.....	.....	.....	1.81	-2.81	0.45	0.0	0	9	17	6	8	nw.	H. R. Major.	
Lambertville.....	Hunterdon.....	95	23	50.3	-3.2	79	9	26	20	43	1.04	-2.81	0.45	0.0	0	9	17	6	6	w.	W. R. Bowe.	
Layton.....	Sussex.....	550	10	47.0	.....	81	9	18	20	47	1.17	-2.86	0.50	0.0	0	7	19	6	6	w.	W. C. Hursh.
Little Falls.....	Passaic.....	175	7	.....	.....	.....	.....	.....	.....	0.86	-0.28	0.0	0	0	10	10	4	8	nw.	F. Farns.	
Long Branch.....	Monmouth.....	30	1	52.8	.....	76	7	29	30	37	0.71	-0.27	0.82	0.0	0	12	19	3	9	nw.	B. B. Bobbitt.
Mahwah.....	Bergen.....	312	7	.....	.....	.....	.....	.....	.....	0.71	-0.27	0.82	0.0	0	12	19	3	9	nw.	M. F. Brooks.	
Moorestown.....	Burlington.....	71	47	51.8	-2.4	78	9	30	14 ⁺	39	1.08	-2.63	0.31	0.0	0	10	19	3	9	nw.	J. C. Beans.	
Newark.....	Essex.....	140	65	52.8	-1.6	80	9	30	20	34	0.55	-3.27	0.29	0.0	0	9	12	9	10	....	Prof. Wm. Wiener.
New Brunswick.....	Middlesex.....	61	58	.....	.....	.....	.....	.....	.....	1.14	-2.49	0.40	0.0	0	3	12	9	9	w.	W. T. Woerner.	
Newton.....	Sussex.....	678	30	49.1	-2.6	82	9	23	20	42	1.24	-2.50	0.65	0.0	0	8	15	7	9	nw.	B. H. Klebaum.	
Northfield.....	Atlantic.....	1	.....	.....	.....	.....	.....	.....	.....	1.81	-0.63	0.0	0	0	9	15	8	7	nw.	W. L. Flit.	
Oceanic.....	Monmouth.....	16	23	52.3	-3.0	76	7	30	14	38	1.76	-2.36	0.82	0.0	0	12	19	3	9	nw.	Prof. C. E. Dietz.	
Paterson.....	Passaic.....	110	39	52.0	-2.3	81	9	20	20 ⁺	38	0.81	-3.43	0.40	0.0	0	9	13	6	6	....	H. A. Probert.
Phillipburg.....	Warren.....	196	7	50.0	.....	82	9	27	20	41	1.10	-0.51	0.0	0	0	9	17	5	9	w.	D. W. Smith.
Plainfield.....	Union.....	100	22	50.1	-3.0	80	9	26	14 ⁺	43	1.10	-3.13	0.38	0.0	0	9	14	8	9	....	John Neagle.
Pleasantville.....	Atlantic.....	26	11	.....	.....	.....	.....	.....	.....	1.63	-2.57	0.60	0.0	0	9	9	9	9	....	L. Van Gilder.	
Pompton Plains.....	Morris.....	195	7	.....	.....	.....	.....	.....	.....	0.89	-0.28	0.0	0	0	9	9	9	9	....	M. S. Taylor.	
Port Norris.....	Cumberland.....	8	1	.....	.....	.....	.....	.....	.....	0.99	-2.76	0.31	0.0	0	9	17	3	11	nw.	J. H. Barracough.	
Rancocas.....	Burlington.....	68	48	.....	.....	.....	.....	.....	.....	0.99	-2.76	0.31	0.0	0	9	17	3	11	nw.	Spencer Haines.	
Rivervale.....	Bergen.....	70	18	49.0	-3.3	79	9	22	20	42	0.97	-3.22	0.40	0.0	0	8	15	6	10	nw.	G. S. M. Holdrum.	
Rumney.....	Middlesex.....	18	3	.....	.....	.....	.....	.....	.....	0.71	-0.27	0.82	0.0	0	9	15	6	10	nw.	J. H. Cottrell.	
Somerville.....	Somerset.....	76	30	50.4	-3.3	80	8	25	20	42	1.04	-2.46	0.34	0.0	0	9	15	8	8	nw.	P. Hardcastle.	
South Orange.....	Essex.....	200	40	50.0	-2.9	75	8	28	20	31	0.02	-3.27	0.36	0.0	0	9	19	4	8	nw.	Dr. W. J. Chandler.	
Sussex.....	442	19	47.1 ^b	-5.3	78	9	23	20	39	0.86	-2.63	0.37	0.0	0	8	16	8	7	w.	Prof. W. H. Seeley.		
Trenton.....	Mercer.....	60	40	52.9	-4.2	76	10	19	20	30	1.30	-2.51	0.57	T.	0	7	15	10	6	nw.	E. R. Cook.	
Tuckerton.....	Ocean.....	23	18	51.6	-3.8	78	7	27	14 ⁺ </													

TABLE 1.—Climatological data for October, 1909. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeted.	Number rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
Maryland—Cont'd.																					
Laurel.....	Prince George.....	150	15	50.0	— 5.3	80	8	19	30	47	1.15	— 1.98	0.63	T.	4	18	10	3	...	Dr. T. M. Baldwin.	
Monrovia.....	Frederick.....	630	22	51.5	— 3.4	80	8	28	20	37	0.72	— 2.17	0.29	0.0	6	21	3	7	n.w.	J. H. Lawson.	
Ocean City.....	Worcester.....	10																		J. Alan Massey.	
Pocomoke City.....	Worcester.....	37	16	55.8 ^a	— 3.8	78 ^a	8	33 ^a	30	30	1.46	— 1.71	0.64	0.0	4	24	3	4	n.w.	R. M. Stevenson.	
Porto Bello.....	St. Marys.....	38	4	52.3	— 4.1	80	8	25	30	38	1.65	— 1.70	0.70	0.0	6	13	13	5	...	Alpheus Hyatt.	
Princes Anne.....	Somerset.....	17	16	52.2	— 4.5	78	31	30	30	40	0.93	— 0.92	0.45	0.0	6	20	5	5	...	Jas. R. Stewart.	
Rockville.....	Montgomery.....	421	2	52.2	— 4.5	78	31	27	30	42	1.31	— 2.53	0.62	0.0	8	16	13	2	...	Dr. Geo. E. Lewis.	
Salisbury.....	Wicomico.....	23	4	53.5	— 3.3	84	8	27	30	25	2.53	— 2.13	0.99	T.	7	18	1	12	sw. ^b	W. E. Downing.	
Sanatorium.....	Frederick.....	1	18	50.8	— 3.3	79	8	30	25	22	1.73	— 1.37	0.0	0	6	13	10	8	...	Dr. W. M. Garrison.	
Solomons.....	Calvert.....	20	18	56.3	— 3.3	79	8	30	30	25	0.72	— 2.13	1.53	0.46	0.0	6	21	4	6	n.w.	Jas. E. Higman.
Sudlersville.....	Queen Annes.....	65	10	52.5	— 4.5	81	8	29	30	42	1.35	— 1.90	0.53	0.0	5	11	5	5	...	L. M. Mooers.	
Takoma Park.....	Montgomery.....	320	11	50.8	— 4.6	77	8	30	30	33	1.00	— 1.90	1.45 ^a	0.0	5	20 ^a	3 ^a	7 ^a	n.w. ^a	R. A. Nusbaum.	
Taneytown.....	Carroll.....	450	10	49.8 ^c	— 4.6	82 ^c	8	29	30	45 ^c	1.90 ^a	— 0.57	1.45 ^a	0.0	0	8	24	1	6	n.w.	C. W. Treadwell.
Towson.....	Baltimore.....	475	1	51.2	— 3.5	80	8	28	20	40	1.29	— 0.93	0.0	0	8	24	1	6	...	H. A. Wroth.	
Van Bibber.....	Harford.....	100	12																...	Prof O. H. Bruce.	
Westport.....	Allegany.....	1,000	15	49.8	— 3.7	80	9	25	20	46	3.68	+ 1.62	1.92	0.0	5	17	6	8	n.w.	Rev. A. J. Donlon.	
Woodstock.....	Baltimore.....	392	35	51.5	— 2.4	83	7	24	30	41	0.79	— 2.50	0.53	0.0	6	17	6	8	...	U. S. Weather Bureau.	
District of Columbia.	District of Columbia.	112	39	53.1	— 3.5	80	8	31	30	42	0.79	— 2.30	0.38	0.0	5	18	7	6	n.w.	H. Morton Price.	
Washington.	Delaware.																			Thos. F. Dunn.	
Delaware City.....	New Castle.....	10	7	53.3	— 3.5	75	7 ^d	32	29	35	0.73	— 1.80	0.30	0.0	3	25	1	5	w.	C. J. Holsmueller.	
Dover.....	Kent.....	40	21	53.2	— 3.0	82	7	25	30	40	1.37	— 1.80	0.73	0.0	4	18	7	6	w.	Rev. L. W. Wells.	
Milford.....	Kent.....	20	25	53.5	— 5.2	78	11	27	30	38	1.50	— 1.94	0.55	0.0	7	21	4	6	w.	E. B. Brown.	
Millsboro.....	Sussex.....	20	17	53.1	— 3.6	80	1	26	30	45 ^e	1.18	— 2.53	0.30	0.0	8	24	1	6	n.w.	Col. H. C. Burrows.	
Seaford.....		40	16	52.7	— 3.5	78	8	26	30	36	1.33	— 1.97	0.69	0.0	4	23	5	3	n.w.	Rev. L. J. Heatwole.	
Virginia.	Culpeper.	450	...	50.9	— 3.3	78	8	25	29	39	1.07	+ 0.14	0.71	0.0	3	13	14	4	n.w.	R. F. & P. R. R.	
Dale Enterprise.....	Culpeper.....	1,350	30	51.2	— 3.3	83	8	21	29	48	2.93	+ 0.14	2.40	0.0	2	19	8	4	sw.	S. G. Howison.	
Dowell.....	Rockingham.....	184	8																	U. S. Weather Bureau.	
Fredericksburg.....	Hanover.....	100	20	53.6	— 3.6	83	22	26	29 ^f	45	0.79	— 1.98	0.27	0.0	7	18	11	4	n.w.	Andrew Low.	
Lincoln.....	Spotsylvania.....	500	8	52.6	— 3.6	88	8	21	20	50	1.38	— 0.84	0.30	0.0	3	18	8	5	n.w.	R. F. & P. R. R.	
Mt. Weather.....	Loudon.....	1,726	5	51.8	— 3.6	72	8	28	25	26	1.90	— 1.32	T.	5	15	12	4	n.w.	S. G. Howison.		
Nokesville (near).....	Fauquier.....	350	5	53.4	— 3.7	81	31	30	16 ^f	42	0.89	— 0.58	0.0	0	3	18	8	5	...	Dr. George Roberts.	
Quantico.....	Prince William.....	18	12	52.4	— 3.7	79	22	30	13 ^f	40	0.68	— 0.60	0.0	0	2	23	0	8	n.w.	U. S. Weather Bureau.	
Shenandoah.....	Page.....	937	8									2.13	— 1.53	0.0	0	2	26	4	1	sw.	R. F. & P. R. R.
Staunton.....	Augusta.....	1,390	17	52.4	— 3.4	79	8	25	29	33	3.00	— 0.08	2.50	T.	4	22	4	5	sw.	N. & W. Ry.	
Stephens City.....	Frederick.....	710	17	50.8	— 5.0	82	8 ^f	25	30	45	2.21	— 0.76	1.40	0.0	4	25	1	5	sw.	Western State Hospital.	
Warsaw.....	Richmond.....	160	17	53.0	— 4.4	80	31	27	30	42	1.27	— 1.90	0.50	0.0	5	21	8	2	n.	B. T. Argenbright.	
Woodstock.....	Shenandoah.....	927	13	52.0	— 3.7	82	10 ^f	26	19 ^f	47	2.47	— 0.31	1.80	0.0	4	17	8	6	w.	C. H. Constable.	
																			Miss A. G. Miley.		

^a Precipitation included in that of the next measurement.^{**} Temperature extremes are from observed readings of the dry-bulb; means are computed from observed readings.[†] Also on other dates.[‡] Separate dates of fall not recorded.[§] Data are from standard instruments not supplied by the U. S. Weather Bureau.^{||} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.[¶] Estimated by observer.^{|||} Precipitation for the 24 hours ending on the morning when it is measured.^T Precipitation is less than 0.01 inch rain or melted snow.^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

TABLE 2.—*Daily precipitation for October, 1909. District No. 1, North Atlantic States.*

Stations.	River basins.	Day of month.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.	
Maine.																																		
Bar Harbor.	Coast.	.03	T.																															1.81
Cornish.	Saco.																																1.17	
Danforth.	Penobscot.	.04	10	T.																													2.14	
Debsconeag.	do.	10	10	.03																												2.87		
Eastport.	Coast.	.06	T.	T.																												2.54		
Fairfield.	Kennebec.																																	
Farmington.	do.	*	20																														1.54	
Gardiner.	do.	.08	.03																														1.88	
Greenville.	do.	.03	23																														1.73	
Houlton.	St. John.																																1.25	
Lewiston.	Androscoggin.	.17																															1.84	
Madison.	Kennebec.	.11	T.																														1.66	
Millinocket.	Penobscot.	.05	.04	.13																													1.80	
North Bridgeton.	Saco.	.01	.03																														1.34	
Orono.	Penobscot.																																2.43	
Quosoc.	Androscoggin.																																	
Patten.	Penobscot.																																2.38	
Portland.	Coast.																																1.50	
Rumford Falls.	Androscoggin.	T.	.05																														1.03	
The Forks.	Kennebec.																																	
Van Buren.	St. John.																																	
Windham.	Kennebec.	.10	.10																														1.88	
New Hampshire.																																		
Aldstead Center.	Connecticut.	.03																															1.26	
Benton.	do.	T.	.03	T.																													0.84	
Bethlehem.	do.	.09	.35	.04																													1.10	
Brookline.	Merrimac.																																	
Concord.	do.																																0.82	
Durham.	do.																																1.89	
Franklin.	do.																																0.88	
Hanover.	Connecticut.	.01	.01																														1.00	
Keene.	do.	.03																															1.15	
Nashua.	Merrimac.																																1.32	
Newton.	Merrimac.																																0.02	
Plymouth.	do.	T.	.06																														1.62	
West Ossipee.	Saco.																																	
Vermont.																																		
Bloomfield.	Connecticut.	.01	.38	.03																													1.68	
Cavendish.	do.	T.																															1.31	
Chelsea.	do.																																0.41	
Jacksonville.	do.																																4.85	
Manchester.	Hudson.	.22	.06	T.																													2.35	
St. Johnsbury.	Connecticut.	.04	.07	.06																													1.06	
Woodstock.	do.																																1.20	
Massachusetts.																																		
Amherst.	Connecticut.	.02																															1.23	
Ashland.	Merrimac.																																1.13	
Bakers Bridge.	do.																																1.16	
Bedford.	do.																																1.19	
Blue Hill.	Coast.																																1.46	
Boston.	do.																																1.07	
Chestnut Hill.	do.																																1.58	
Clinton.	Merrimac.																																0.52	
Concord.	do.																																1.23	
Fall River.	Coast.																																1.76	
Fitchburg.	Merrimac.																																1.34	
Framingham.	do.																															0.09		
Haverhill.	do.																															0.97		
Hingham.	Coast.																															1.56		
Hyannis.	do.																															3.61		
Jefferson.	Merrimac.																															2.03		
Lake Cochituate.	do.																															1.06		
Lawrence.	do.																															1.02		
Leominster.	do.																															1.49		
Lowell.	do.																															1.20		
Middleboro.	Coast.																															1.75		
Monson.	Connecticut.																															4.40		
Nantucket.	Coast.																															1.50		
New Bedford.	do.																															1.76		
Norfolk.	do.																															0.02		
Northampton.	Connecticut.	.36																														1.76		
Plymouth.	Coast.																															1.26		
Princeton.	Merrimac.	.06																														1.75		
Provincetown.	Coast.																															2.86		
Rockport.	Coast.																																	

TABLE 2.—*Daily precipitation for October, 1909. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for October, 1909. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for October, 1909. District No. 1—Continued.*

TABLE 3.—Maximum and minimum temperatures at selected stations, October, 1909. District No. 1, North Atlantic States.

Date.	Maine.												Massachusetts.												Connecticut.						
	Eastport.		Greenville.		Orono.		Portland.		Rumford Falls.		Van Buren.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.		Providence, R. I.		Crom Hill.		Hartford.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1...	62	50	57	35	70	45	64	47	60	44	63	42	59	42	64	50	65	36	65	56	62	48	64	46	62	48	62	48			
2...	56	48	48	43	63	45	59	45	56	46	60	47	63	48	64	51	63	39	62	54	61	49	65	41	63	49	63	49			
3...	55	46	54	41	58	44	59	49	58	44	60	49	61	44	58	52	61	34	59	53	61	48	62	43	64	48	62	48			
4...	56	47	59	40	60	41	60	49	60	44	63	42	61	44	60	50	63	32	59	50	62	46	64	44	62	46	62	46			
5...	70	46	67	35	74	38	72	44	68	43	72	33	73	35	70	47	69	29	64	51	68	45	66	41	69	40	69	40			
6...	70	50	68	46	73	45	69	48	70	49	73	39	75	38	76	52	75	33	71	54	76	47	72	39	73	41	73	41			
7...	73	53	69	43	76	48	74	52	72	51	76	46	80	38	75	55	77	34	71	55	76	51	73	46	78	44	73	44			
8...	73	50	76	37	76	40	74	50	74	44	79	42	79	44	70	56	77	39	68	55	75	52	75	49	76	49	75	49			
9...	78	54	77	40	83	43	81	54	77	50	83	44	84	43	77	58	84	37	73	55	75	51	80	52	81	49	80	49			
10...	63	52	76	41	83	44	71	56	76	46	83	42	85	44	70	57	83	39	76	56	80	53	81	60	82	48	81	48			
11...	57	53	54	48	81	50	56	53	58	48	58	44	70	42	43	58	53	66	38	59	55	61	47	75	48	76	47	76	47		
12...	63	53	57	53	67	50	59	54	58	52	63	47	74	46	74	55	72	56	67	56	74	52	64	51	70	53	64	53	70	53	
13...	60	46	53	38	63	43	54	44	51	39	53	36	77	31	56	42	65	31	58	48	53	39	53	30	53	38	53	30	53	38	
14...	50	43	47	32	59	37	55	38	52	42	56	34	56	30	60	40	57	21	56	45	57	36	57	33	56	34	56	33	56	34	
15...	55	46	52	33	56	40	53	47	56	42	57	36	56	38	56	44	49	56	51	56	43	55	37	57	43	55	37	57	43		
16...	53	40	47	36	55	36	55	38	54	34	50	33	52	32	56	41	53	33	55	46	54	38	47	36	52	39	47	36	52	39	
17...	50	39	44	35	53	32	51	36	47	39	51	39	54	37	55	41	60	31	54	47	54	40	52	32	54	39	52	39	51	40	
18...	47	37	43	36	48	35	53	38	46	38	49	28	50	32	52	40	58	32	53	46	51	40	49	33	50	39	49	33	50	39	
19...	42	33	39	33	46	34	45	36	40	37	45	33	53	28	51	36	52	29	49	44	51	33	48	30	51	36	48	30	51	36	
20...	41	33	41	31	49	33	48	31	46	32	53	24	53	25	55	32	52	21	48	41	53	30	53	24	56	30	53	24	56	30	
21...	46	32	45	32	50	24	50	31	46	27	52	22	53	24	58	37	60	21	57	42	58	31	49	32	56	31	49	32	56	31	
22...	54	46	53	30	60	40	60	49	56	44	59	46	58	44	62	50	65	49	62	53	62	46	55	43	61	46	55	43	61	46	
23...	57	47	48	41	59	42	56	45	51	42	54	40	56	43	60	47	60	40	57	50	59	40	51	40	55	42	51	40	55	42	
24...	49	46	41	38	54	46	45	42	46	41	45	41	46	40	51	44	56	45	58	51	51	45	42	43	37	46	41	42	37	46	41
25...	46	38	40	32	45	35	48	34	43	36	48	36	53	34	54	40	54	42	53	45	54	40	46	32	49	39	46	32	49	39	
26...	52	36	45	33	53	32	56	33	49	38	51	33	63	31	62	38	60	27	58	45	63	38	60	28	62	35	63	35	62	35	
27...	56	43	54	32	62	30	56	40	57	32	65	28	65	38	70	49	67	39	60	52	67	46	63	37	65	35	63	37	65	35	
28...	50	38	41	34	58	39	50	38	46	37	49	36	53	40	55	45	55	42	50	57	54	50	37	54	30	49	33	54	30	49	33
29...	38	34	35	29	41	33	41	32	37	34	38	33	41	30	44	34	43	29	42	37	42	31	35	26	40	30	40	26	32	30	
30...	34	29	34	25	43	30	44	31	36	28	45	26	51	36	52	25	46	36	52	46	46	36	52	25	46	30	50	25	46	30	
31...	44	28	48	18	53	19	46	29	48	26	45	25	55	24	50	38	57	18	57	41	57	40	55	28	64	26	55	28	64	26	
Mns	54.8	43.1	52.0	36.3	60.3	38.3	56.9	42.3	54.6	40.3	58.0	37.0	60.7	36.7	60.4	40.3	58.3	34.5	59.0	48.7	60.3	42.2	58.4	37.8	60.7	41.2	58.4	37.8	60.7	41.2	

Date.	New Haven, Conn.												New York.												Pennsylvania.											
	Albany.		Addison.		Binghamton.		Cooperstown.		Indian Lake.		New York.		Clearfield.		Easton.		Everett.		Harrisburg.		Philadelphia.		Scranton.		Wellboro.											
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.						
1...	63	43	57	45	58	50	52	46	50	46	56	41	62	50	60	41	63	45	68	48	61	48	67	51	56	49	56	42	56	42						
2...	64	47	57	41	57	49	54	44	56	40	54	39	59	50	56	39	60	46	59	47	63	51	56	45	54	46	54	46	54	46						
3...	66	48	55	48	60	47	54	49	56	48	56	44	63	51	58	40	63	50	58	37	60	51	56	44	53	46	53	46	53	46						
4...	65	49	61	46	61	40	61	42	55	40	60	37	63	56	59	46	64	51	63	45	61	52	56	41	55	45	59	45	59	45						
5...	68	44	70	35	68	38	65	37	60	27	66	52	73	52	60	43	67	35	68	49	70	57	65	53	38	69	31	69	31							
6...	73	46	78	35	73	41	68	38	62	34	67	32	71	51	74	34	68	42	71	36	72	45	76	55	71	38	71	32	71	32						
7...	75	46	79	36	75	44	72																													

TABLE 3.—Maximum and minimum temperatures at selected stations, October, 1909. District No. 1—Continued.

Date.	New Jersey.										Maryland.										Virginia.									
	Asbury Park.		Atlantic City.		Hightstown.		Newton.		Martinsburg, W. Va.		Baltimore.		Darlington.		Frederick.		Westport.		Washington, D. C.		Millsboro, Del.		Culpeper.		Fredericksburg		Staunton.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1...	66	47	67	51	67	45	63	43	63	50	69	50	66	43	68	48	67	48	70	45	73	44	72	38	74	39	.....	.....	.....
2...	61	46	63	45	62	40	56	43	65	40	67	48	65	39	67	42	63	43	66	44	78	42	68	35	70	38	.....	.....	.....
3...	64	48	64	48	63	40	64	48	65	41	63	53	61	47	64	44	69	36	63	48	66	43	67	37	70	43	.....	.....	.....
4...	63	54	65	51	63	50	65	46	66	44	65	53	67	45	65	34	66	49	66	44	61	41	67	42	70	42	.....	.....	.....
5...	64	53	66	55	70	46	72	37	63	42	68	48	69	48	69	40	70	40	69	44	69	47	68	48	69	43	.....	.....	.....
6...	67	49	70	48	76	39	78	40	72	43	75	52	73	43	74	41	74	42	74	44	78	41	71	44	76	44	.....	.....	.....
7...	71	50	76	50	77	41	80	39	71	40	74	52	76	43	78	41	77	37	76	44	80	42	76	39	80	42	.....	.....	.....
8...	69	54	71	54	80	44	82	44	76	40	80	54	76	45	81	43	78	38	80	46	76	45	78	39	80	44	.....	.....	.....
9...	70	53	69	54	80	44	82	44	77	42	78	55	75	48	80	46	80	38	78	50	73	48	77	44	79	46	.....	.....	.....
10...	69	52	70	54	79	43	80	44	73	38	70	55	70	46	71	45	77	42	75	49	71	54	72	42	73	45	.....	.....	.....
11...	66	60	69	62	76	54	74	55	65	50	73	60	60	59	69	55	71	51	73	58	76	59	68	53	72	55	.....	.....	.....
12...	68	56	69	47	71	50	67	42	50	45	63	53	65	47	61	45	53	43	66	45	73	51	63	41	67	42	.....	.....	.....
13...	63	35	51	39	53	31	51	29	51	43	54	41	51	31	53	33	48	33	55	36	56	36	56	28	53	28	.....	.....	.....
14...	57	34	58	38	60	28	54	26	59	40	58	41	51	31	59	33	59	27	55	36	57	30	53	32	54	30	.....	.....	.....
15...	59	49	59	48	59	49	59	42	57	39	58	47	56	43	58	42	54	35	60	46	61	44	58	42	61	47	.....	.....	.....
16...	56	41	52	44	54	41	51	35	56	36	54	42	52	40	56	43	48	40	53	40	58	40	57	42	60	43	.....	.....	.....
17...	55	36	59	42	57	35	54	34	53	35	58	41	57	34	59	33	57	27	57	35	60	34	60	29	63	30	.....	.....	.....
18...	60	36	55	41	49	30	46	32	55	35	56	45	52	34	54	39	50	40	60	43	68	34	66	44	72	45	.....	.....	.....
19...	55	38	54	38	56	30	54	32	54	36	57	42	54	36	58	38	60	30	56	40	56	38	55	40	60	43	.....	.....	.....
20...	51	35	52	35	55	26	55	23	55	27	53	37	53	28	57	23	59	25	58	32	60	28	58	28	62	31	.....	.....	.....
21...	57	35	61	45	60	28	54	25	64	36	65	42	59	33	61	36	55	39	65	39	66	31	56	38	66	39	.....	.....	.....
22...	68	52	71	50	68	49	55	45	72	43	74	53	70	49	74	49	71	48	76	53	67	54	77	50	83	53	.....	.....	.....
23...	61	45	58	45	57	40	51	41	51	47	58	49	60	42	55	45	62	44	61	48	63	43	64	44	69	45	.....	.....	.....
24...	56	46	56	43	50	45	44	39	47	42	49	41	51	41	47	41	49	40	48	42	53	44	52	40	55	44	.....	.....	.....
25...	53	37	52	39	54	36	54	33	54	34	55	39	52	36	56	34	60	33	54	37	55	37	54	29	58	35	.....	.....	.....
26...	65	38	60	43	65	30	62	30	67	30	68	38	65	31	69	33	68	28	67	35	69	31	66	27	70	30	.....	.....	.....
27...	65	43	62	48	68	37	65	39	65	30	71	42	63	37	68	33	65	35	71	37	72	40	68	30	74	34	.....	.....	.....
28...	55	40	53	37	59	34	57	33	47	39	52	41	57	36	58	28	51	33	50	39	59	36	59	31	66	34	.....	.....	.....
29...	45	30	47	32	46	30	45	29	50	37	50	38	47	31	50	35	50	31	49	34	51	30	51	28	53	26	.....	.....	.....
30...	54	30	54	30	54	28	57	27	55	27	57	35	54	30	57	28	55	26	58	31	58	30	57	25	61	26	.....	.....	.....
31...	70	37	66	45	73	29	70	28	76	28	78	41	74	30	77	36	76	30	79	37	79	34	75	37	81	36	.....	.....	.....
Mns	61.0	43.8	61.3	45.2	63.4	38.4	61.3	36.9	61.6	38.6	63.5	46.0	61.8 ^a	39.3 ^a	63.7	40.5	62.9	36.6	64.1	42.1	65.9	40.3	64.1	37.7	67.8	39.4	.....	.....	.....